

The 17th International Workshop on Tau Lepton Physics

University of Louisville
Louisville, Kentucky, USA

T December 4-8
2023

Scientific program:

Properties of τ leptons
 τ production at lepton and hadron colliders
Precision electroweak physics
CP Violation and flavor mixing
Neutrino physics

Lepton universality and flavor violation
Decays involving τ leptons
Hadronic τ decays and QCD
Electric and magnetic dipole moments
Future opportunities in τ physics

Website: <http://indico.cern.ch/e/TAU2023>

Local organizing committee:

Swagato Banerjee (University of Louisville) - Chair
Emilie Passemar (Indiana University) - Vice-Chair
Jon Urheim (Indiana University) - Vice-chair
David N. Brown (Western Kentucky University)
Chris L. Davis (University of Louisville)

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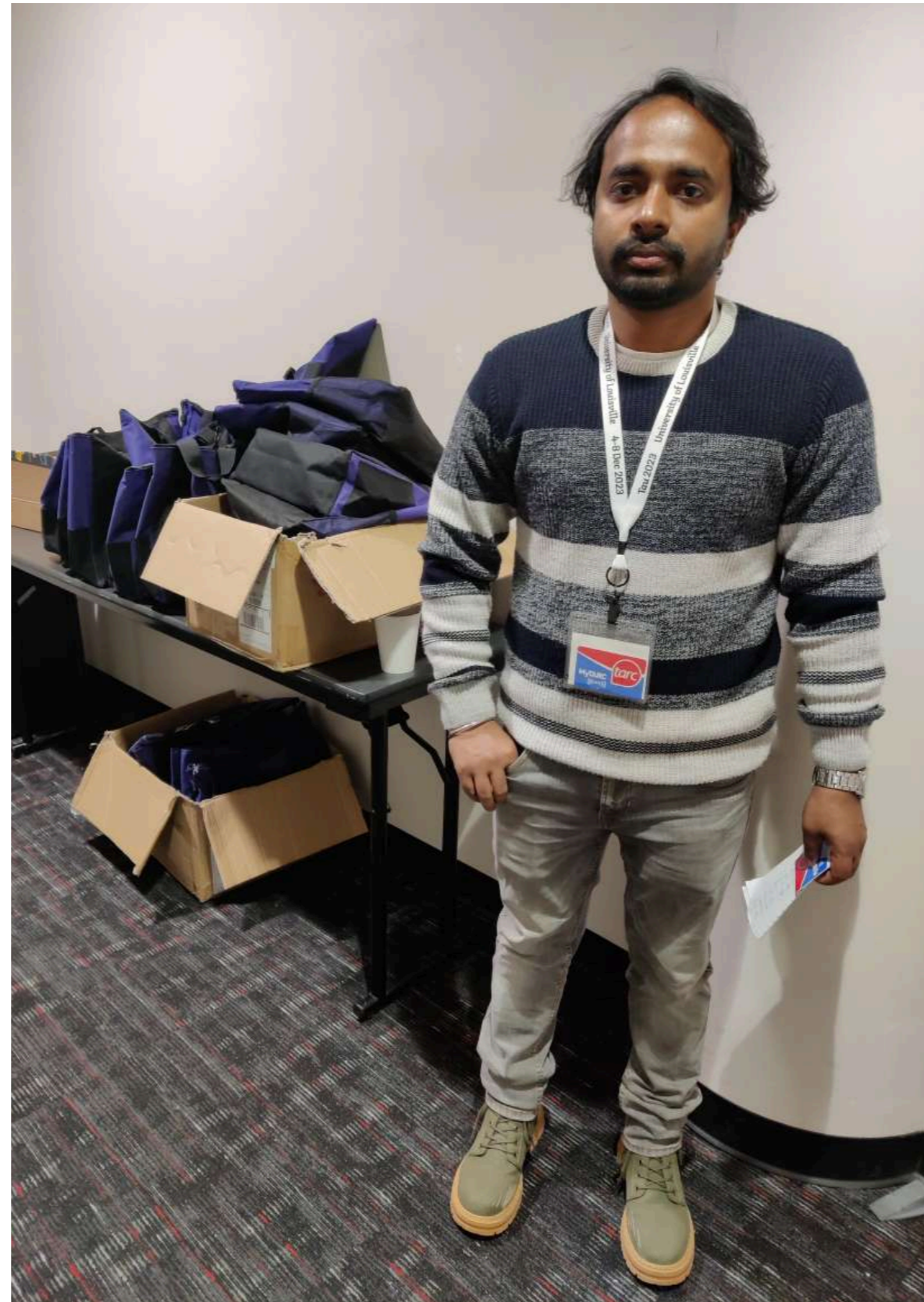
Grass is green on both sides of Tau2023



Thanks to all participants for giving their presentations in person



Many thanks to Dr. Sourav Patra for taking care of the registration



Many thanks to Naveen Kumar Baghel for taking care of Indico and Zoom connection



Thanks to all Belle (II) collaborators for their strong presence



T2023 The 17th International Workshop on Tau Lepton Physics (TAU2023)

4-8 Dec 2023
US/Eastern timezone

- Overview
- Format of the conference
- Timetable:
<https://tinyurl.com/ZoomT23>
- Venue
- Transportation
- Accommodation
- Local attractions
- Nature of the conference and code of conduct
- Eventbrite page for registration fee payment
- Indico registration form
- Participant List
- Contribution List
- Proceedings
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- Contact
- ✉ Swagato.Banerjee@loui...

Timetable: <https://tinyurl.com/ZoomT23>

Mon 04/12 Tue 05/12 Wed 06/12 Thu 07/12 **Fri 08/12** All days

Print PDF Full screen Detailed view Filter
Session legend

Friday Friday after lunch Friday afternoon Friday before lunch see more...

09:00	Announcements Swagato Banerjee 09:20 - 09:25
	Neutrinos in modern astrophysics and cosmology Alexander Friedland 09:25 - 09:50
10:00	Tau Neutrinos with IceCube Douglas Cowen 09:50 - 10:15
	Chiral Belle: e- Beam Polarization Upgrade of SuperKEKB Michael Roney 10:15 - 10:40
	Coffee break 10:40 - 11:10
11:00	Hadronic vacuum polarization contribution to the muon g-2 from lattice QCD Simon Kuberski 11:10 - 11:35
	Tau hadronic decay input for Muon g-2 Taku Izubuchi 11:35 - 12:00
12:00	Global analysis of Lepton Flavor Violating Operators emanuele mereghetti 12:00 - 12:25
	Status and plans of tau fits for HFLAV/PDG Alberto Lusiani 12:25 - 12:50
13:00	Lunch 12:50 - 13:50
14:00	FASEER experiment and first results from LHC Run 3 Dr Umut Kose 13:50 - 14:10
	Study of additional radiation in the initial-state-radiation processes $e^+e^- \rightarrow \mu^+\mu^- \gamma$ and $e^+e^- \rightarrow \pi^+\pi^- \gamma$ in the BABAR experiment Alberto Lusiani
	Partial wave analysis of $S\tau^+ \rightarrow \rho^+ \pi^0 \pi^0$ decays at Belle Andrei Rabusov 14:30 - 14:50
15:00	Search for charged lepton flavor violation in J/ψ decays at BESIII Xudong Yu 14:50 - 15:10
	Coffee break 15:10 - 15:40
16:00	Wishlist of neutrino results for Tau2025 Andre De Gouvea 15:40 - 16:10
	Wishlist of G-2 results for Tau2025 Brendan Kiburgh 16:10 - 16:40
	Wishlist of Tau results for 2025 Gianluca Inguglia 16:40 - 17:10
17:00	Summary of Tau2023 Soeren Andre Prell 17:10 - 17:40